

Abstract

Method for transmitting service data in telecommunication systems

with wireless telecommunication based on a predefined radio interface protocol between telecommunication devices, especially voice data and/or packet data in DECT systems

To transmit service data in telecommunication systems with wireless telecommunication based on a predefined radio interface protocol between telecommunication devices, especially voice data and/or packet data in DECT systems, with enhanced utilization of the bandwidth of the telecommunication system and at a greater transmission rate, service data units to be transmitted are transported by radio cascaded (in the form of a cascade arrangement) in protocol data units adapted to the radio interface protocol. The protocol data units in each case contain as many information fields, configured especially as length indicators for specifying the respective service data length, as there are service data units or, respectively, fragments of service data units contained in the respective protocol data unit. In addition, each information field contains an extension (a reference) in the form of a concatenated list whether further service data units, or, respectively, further fragments of service data units follow in the respective protocol data unit.